Amendment to the Specification:

Please replace paragraph [0080] bridging pages 32 and 33 of the application with the following amended paragraph:

[0080] The cDNA coding sequence for human PAP has been cloned into this vector to produce the construct pTVG-HP. The pTVG-HP plasmid has been deposited under the Budapest Treaty with the International Depository Authority--American Type Culture Collection--located at 10801 University Blvd, Manassas, VA 20110-2209, USA on September 21, 2006. The Accession No. for the pTVG-HP plasmid in connection with this deposit is PTA-7893. This is the construct to be used for the clinical trial proposed. With funded support from the NGVL, manufacturing of this DNA under GMP conditions is currently underway. Transient transfection of Chinese Hamster Ovary (CHO) cells followed by capture ELISA have confirmed that PAP is expressed in vitro (FIG. 5). In addition, PAP expression has been shown in an in vivo study as well. Specifically, 500 μg of either pTVG4 or pTVG-HP plasmid DNA was administered to male Lewis rats by direct administration to the right external iliac artery. Sera were obtained 5 days after administration and animals were euthanized after ten days. Sera were then evaluated for PAP protein concentration by capture ELISA, and hind limb muscle biopsies were stained immunohistochemically for PAP expression, as shown in FIG. 6. No PAP expression was detected in muscle tissue from animals receiving the pTVG4 control vector (not shown).